

rev'd 1995



Precision

Tools

for

Serious

Hobbyists

and

Crafters

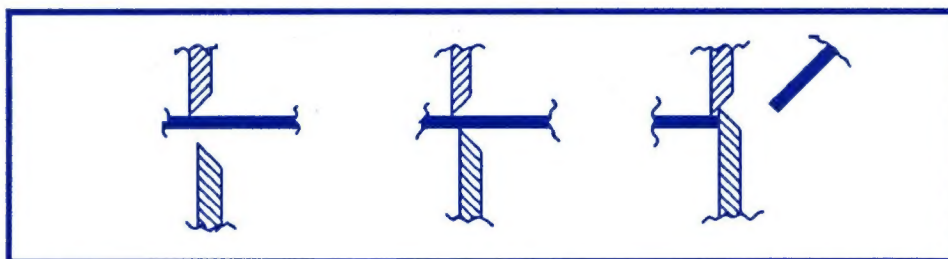
170-II VS. 170-IIA!  
"A" ("Full Flush")  
LESS OVERLAP, SLIGHTLY  
CLOSER CUTTING,  
BUT MORE FRAGILE  
LIGHT DUTY ONLY

9100 (STD) = 4.9"  
9100 LH = OAL = 5<sup>3</sup>/<sub>4</sub>"

# Guide to Tool Features & Options

XURON CORPORATION offers hobbyists and crafters an assortment of the same Micro-Shear® cutters and pliers we have supplied to the civilian and military electronics and aerospace industries since 1970. We are confident their precision and quality are superior to any other tools currently available in the hobby market.

To aid you in recommending the most appropriate XURON hand tool to your customers, we offer the following information:



**Micro-Shear® flush cutters**, as compared to compression cutters, have cutting edges which are designed to by-pass each other (see illustration above) rather than meet edge to edge. You can see the blade by-pass if you examine the head of any of our shears with the tool is in its fully closed position. Our shearing cut, accomplished by ultra precise, CNC ground edges, is so close and clean that post cut trimming with a utility knife is normally eliminated. An added benefit is that shear cutting requires only about half the effort of compression cutting.

**Ultraflush cutting shears** (option designator A ) have minimal outside edge bevel. They are designed to give the closest, most "pinch" free cut available. For this reason these shears are inappropriate for use on anything other than soft materials. Cutting paper clips and similiar materials will result in scarring of the cutting edges. This option is very appropriate for modelers who need to create a finished surface, or near finished surface on small parts or in difficult to finish areas. On plastics the cut surface will be smoother than it is possible to acheive from a tool having our standard bevel angle. It will not however, be any closer to an adjacent horizontal surface.

**High precision shears** (option designator T ) have a special, ultra tapered shape and profile which allows access in extremely restricted areas while at the same time improving sightlines for added precision. Cutting at the very tip of these shears should be reserved for those occasions when extra precision is required. Care should be observed to avoid over cutting the shear's capacity at its tip. This option has the broadest range of applications for modelers and we recommend you consider it as a basic modeler's tool suitable for all customers. It provides a simple way to quickly and cleanly cut in hard to reach areas, such as between a large part from the tree where the gate is very short, inside an assembled model or the tag end of a line flush against a knot.

**Serrations on pliers** vary according to pliers style. The micro-serrations on the 450S needle nose pliers are appropriate for a high precision pliers used in miniature and mico-miniature work. Serrations on our long nose pliers are deeper and more coarse than those on our needle nose pliers. They are intended for use in more demanding applications. They are finer and much less coarse than those you find on traditional drop forged long nosed, slip joint and lineman's pliers.

Cut along dotted line

## Free Tool Coupon

Dear Hobby Retailer: This coupon and a copy of your invoice for XURON hand tools is worth free product. Use it to try something new at no financial risk, to increase you profits or to get a free XURON tool for yourself. It's up to you. Details follow:

- Terms & Conditions
- Invoice must be dated between 8/1/94 and 10/31/94.
  - Minimum invoice value for XURON products — \$50.00.
  - Return this coupon with with the copy of your invoice.
  - This one time offer expires: 11/31/9

(Choose one & return to XURON)

Name: \_\_\_\_\_ ☐ 410T ☐ 440PET ☐ 480S

Street: \_\_\_\_\_ State: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Cut along dotted line

**DON'T BE BLIND TO THE HAZARD**, make sure everyone present is wearing approved eye protection whenever you work with hand tools.

**CAUTION** - Grips are not intended to provide protection against electric shock.  
DO NOT USE ON OR NEAR ENERGIZED CIRCUITS.

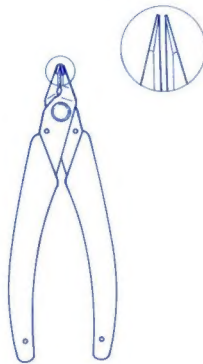
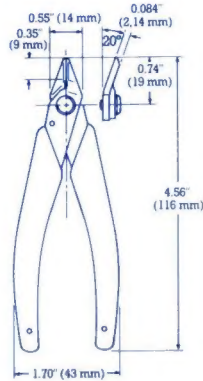
© 1994 Copyright, Xuron Corp.  
All rights reserved.



# SHEARS

## 410A\* Ultraflush Cutting Shear

Features our patented Micro-Shear® blade by-pass and minimal outside bevel. Cuts small or soft material with virtually no "pinch". Leaves a finished or near finished surface. Convenient Light Touch™ spring returns shear to its open position after each use. Exclusive Xuro-Rubber™ grips provide both comfort and the secure grasp required for precise control. For use only on soft materials. Use with paper clips and other hard materials will result in scarring of the edges. Cut differs from that provided by the 410T only in terms of smoothness, not in terms of how closely it will cut against an adjacent surface.



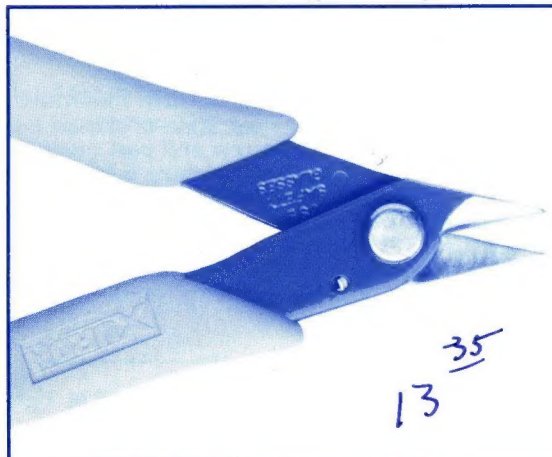
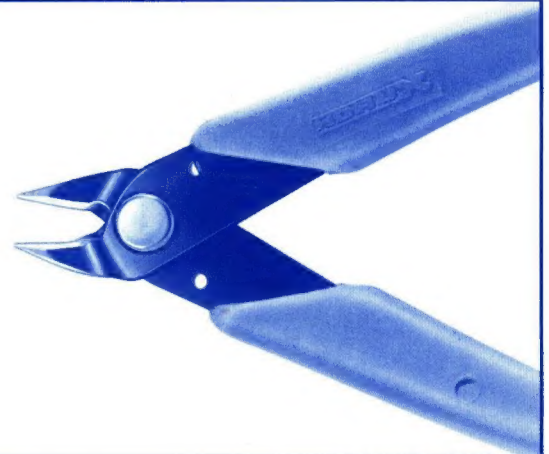
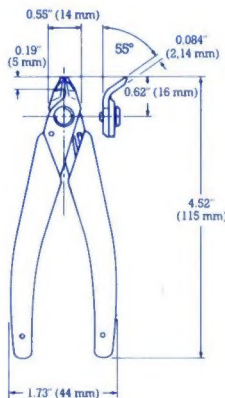
## 410T\* High Precision Shear

Precision ground blades, featuring our patented Micro-Shear® blade by-pass, combined with a special ultra tapered shape provide clean, flush cuts in extremely restricted areas. Comfortable Xuro-Rubber™ grips supply precise control while our Light Touch™ return spring speeds work. This is a true all purpose modeler's tool. It is suitable for fine work, such as fibers less than 1 mil in diameter, up to 20 AWG soft wires. Equally ideal for cutting parts off the tree or wiring a model railroad layout. This tool belongs in your customer's tool box no matter what their area of modeling.

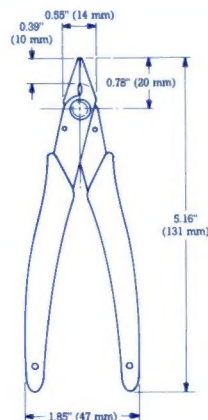
## 420T\* Angled High Precision Shear

The same precision cutting Micro-Shear® blades as our 410T High Precision Shear combined with a 55° angled cutter head. Tapered tip provides access in those "tight" areas while the angled head gets your hand and arm out of the way for improved sight lines. You can even come straight down on an otherwise inaccessible location and still see what you're doing. 420T is ideal for working on the inside of a radius.

420T = 13 41  
420 = ?



13 35



## 440\*PET High Precision Scissor

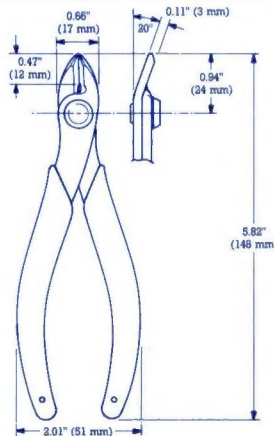
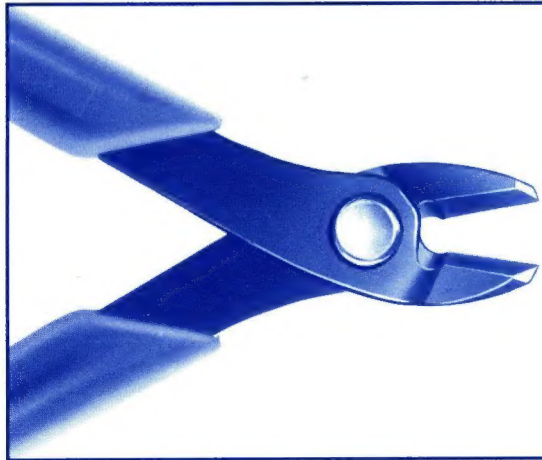
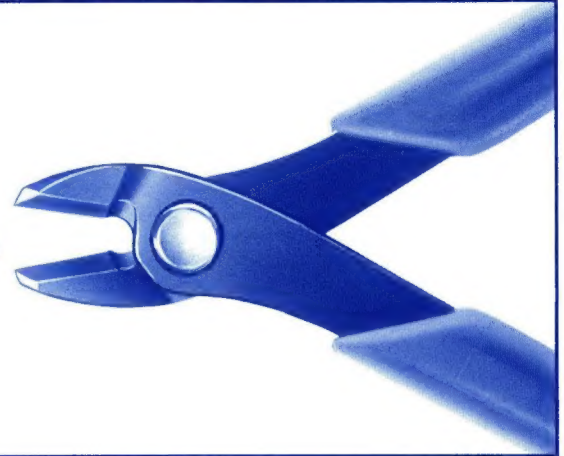
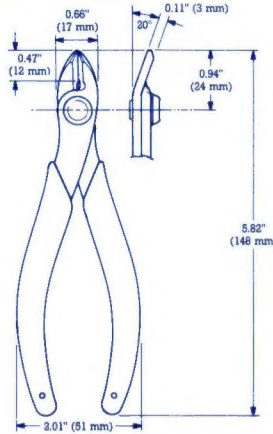
The answer to modelers' and crafters' needs for an ultra precise scissor. Cuts fine or delicate items, materials such as silk embroidery floss or thin mylars and delicate photoetched parts with a clean, square edge exactly where the scissor is positioned. Ideal for cutting wood reed used in caning and basketry. Cushion grip, Xuro-Rubber™ handles and our Light Touch™ return spring replace conventional finger loops, result in increased comfort and precision. This innovative design is especially advantageous for users with arthritic hands. Rated for cutting soft metals up to 0.005".



# SHEARS

## 2175\* Maxi-Shear™

A large, strong and durable shear ideal for use in a variety of crafts. Ideal tool for stained glass, basketry or caning. Delivers a clean, square cut with minimal effort while our Light Touch™ return spring speeds work. Head shape allows excellent sight lines thereby increasing precision. Cushioned, Xuro-Rubber™ grips for added comfort during extended work periods. Glare eliminating finish to reduce eye strain. Rated for cutting everything from delicate materials less than 1 mil. thick up to 16 AWG copper wire.

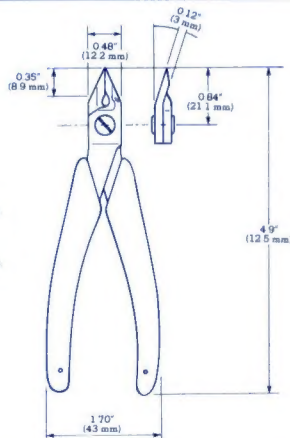
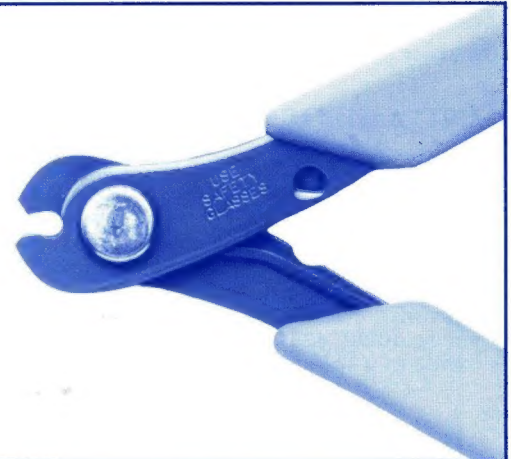
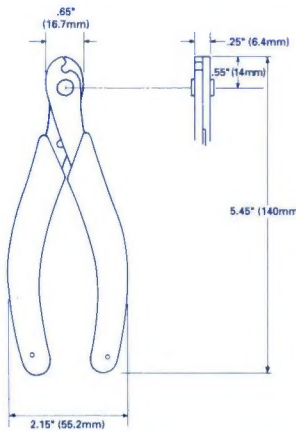


## 2175B\* Track Cutter

Quite simply, the finest track cutter of its kind on the market anywhere, at any price. Its Micro-Shear® cutting action cuts quick, cuts clean, cuts square with a lot less effort than a conventional compression cutter. Exclusive Xuro-Rubber™ cushion grips and Light Touch™ return spring for operator comfort and convenience. The track cutter's blades should be positioned on the top and bottom of the rail for the cleanest cut. Rated for Z, N, HO & S gauge.

## 2193\* HWAC Cutter

HWAC stands for Hard Wire And Cable. Our new shear is rated for hardened wire, music wire and throttle cable. It does not require any special technique on the operator's part (unlike the 691 and 475C which require the operator to hold the material being cut perpendicular to the cutter jaws). With our new HWAC Cutter the operator needs only do what they would do with any cutter, place the material between the jaws at the location where they wish to make a cut and squeeze on the handles. Cutting effort is low due to the tool's shearing action. Cushioned Xuro-Rubber™ grips for comfort, spring action returns HWAC to its open position. This tool supercedes our 475C and 691.



## 9000\* Series Premium Quality Shears

The most durable Micro-Shear® flushcutters. Features a tough alloy steel, state-of-the-art heat treating, high precision screw and post pivot and ultra precise grinding. Cuts everything from mylar or thread up to 14 AWG soft wire. Advanced ergonomic design, Xuro-Rubber™ cushion grips, Light Touch™ return spring and glare eliminating finish so you work comfortably and precisely, for longer than is possible with a conventional cutter. Available in two versions:

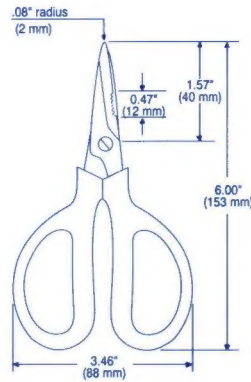
9100\* Oval Head — standard

9200\* Tapered Head — increases access in 'tight' areas

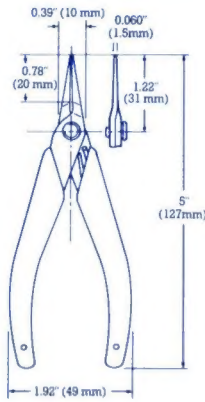
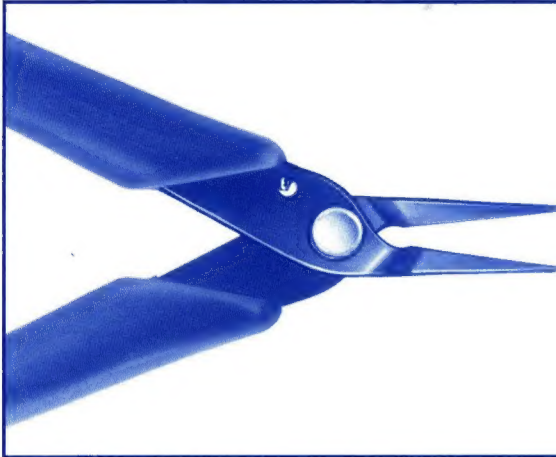


### FSS-6 Modeler's Scissor

You can do more with this scissor than you ever thought possible. Stainless steel blades and extra hardening for durability. Large finger loop design eliminates the need for left and right handed scissors while offering superior comfort. Easily cuts mylar, fabric, styrene, foil even soft aluminum ( $\leq 0.005"$ ) or brass ( $\leq 0.016"$ ) sheet stock. Manufactured exclusively for Xuron by Clauss Cutlery.



## PLIERS

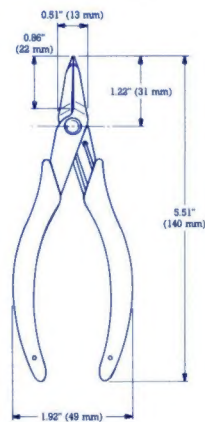


### 450\*/450S\* Tweezernose Pliers

The ultimate needlenose pliers. Six separate milling operations on each plier's nose ensures the blades match each other in size, shape and alignment. Tweezernose pliers combine the precision to pick up a human hair with the strength required for wire forming operations. Cushioned Xuro-Rubber™ grips and our Light Touch™ return spring speed use, enhance control and make the pliers more comfortable in your hand. Available with either smooth jaws (450) or with micro-serrations (450S) for an improved grip. This tool belongs in your customer's tool box no matter what their area of modeling.

### 485\*/485S\* Longnose Pliers

Designed to provide the strength to grip and hold without the bulk or lack of "feel" found in traditional longnose pliers. Easily captures a human hair, tightens a thread, flattens a copper wire or draws twisted wire cable through tubing. Our Light Touch™ spring returns the plier to its open position after each use while exclusive Xuro-Rubber™ cushion grips ensure operator comfort. Available with smooth jaws (485) or with serrations (485S) for extra holding power.



### Did you know XURON has a point of purchase catalog? Do you have a supply on hand for this critical selling season?

If your distributor is out of stock return this coupon to XURON and we will promptly arrange for you to receive a supply.

(Company) \_\_\_\_\_ (Attn) \_\_\_\_\_ (Tel) \_\_\_\_\_

(Street) \_\_\_\_\_ (City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip) \_\_\_\_\_

My store serves: R/C ☐ cars ☐ boats ☐ planes ☐ helicopters, ☐ Models, ☐ Railroading, ☐ Games

My XURON distributor is: \_\_\_\_\_

I stock hand tools from these companies (please list manufacturers): \_\_\_\_\_

I would like to see XURON supply the following tool(s): \_\_\_\_\_



# TOOL KITS

## TK 2100\* Modeler's Tool Kit

This kit belongs on every modeler's workbench. The 410T High Precision Shear, 450 Tweezernose™ pliers and our brand new FSS-6 Modeler's Scissor in a durable, protective, tri-fold fabric pouch. Two additional narrow pockets in the pouch are ideal for tweezers, scribes, ruler, whatever. Keeps tools together, organized, protected and clean. Safeguards user's investment in quality tools.



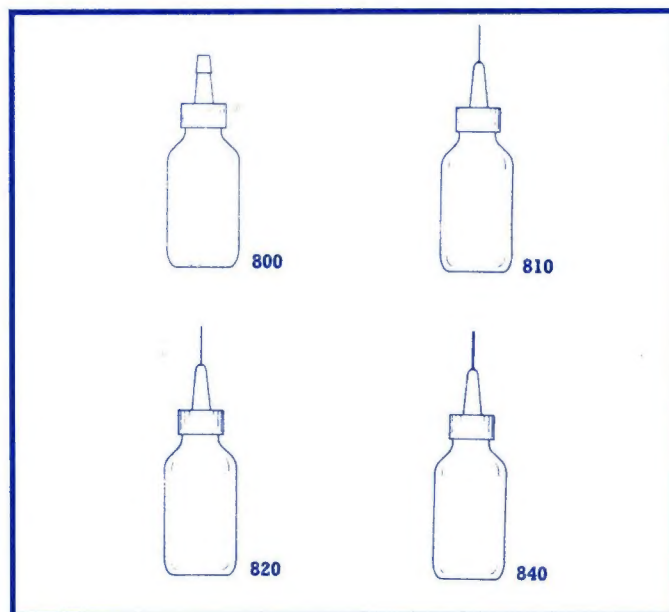
## TK2200\* Railroader's Tool Kit

Three indispensable XURON tools for the model railroader, our Track Cutter, 410T High Precision Shear and 450S (serrated) Tweezernose™ pliers bundled in a convenient, attractive, tri-fold fabric pouch. Tools are safely stored when not in use, shear edges stay sharp longer, pliers jaws free from nicks. Pouch offers two unused narrow pockets ideal for storing tweezers, scribe or a straight edge. Protects user's investment while keeping their tools organized.

# DISPENSING BOTTLES

Self sealing design — no waste — no spills. Two ounce polyethylene bottles are matched with a 1" (2.54 cm) stainless steel capillary tube for the controlled dispensing of a wide variety of liquids, including solvents. Needle adapter accepts any standard luer hub dispensing tube.

- 800\* 2 ounce dispensing bottle with plastic spout. No needle adapter or capillary tube.
- 810\* 2 ounce dispensing bottle with needle adapter and 0.010" I.D. capillary tube.
- 820\* 2 ounce dispensing bottle with needle adapter and 0.020" I.D. capillary tube.
- 840\* 2 ounce dispensing bottle with needle adapter and 0.040" I.D. capillary tube.



\* Designates display packaging

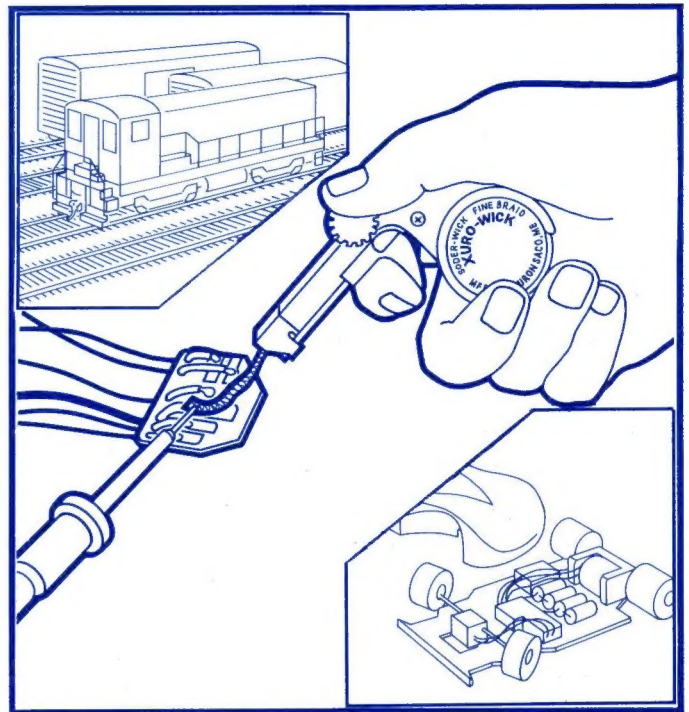


# DESOLDERING TOOLS

Wickgun™ desoldering braid dispensers provide an ultra convenient hand tool for all desoldering needs. Wickgun™ braid dispensers feature replaceable, interchangeable cassettes factory loaded with pure copper braid impregnated with water clear flux. Rotating the thumb-wheel on top of the gun advances or retracts as much braid as required. User places the braid on top of solder to be removed and hot soldering iron on top of the braid. When the solder flows it is drawn up into the braid. Squeezing the trigger on the Wickgun™ cuts off the used braid. It's quick and clean. It's great for use in your own shop if you do repair work.

Wickgun™ braid dispensers come with factory loaded cassettes filled 15 feet of braid in sizes 1, 2, 3 or 4 (widths - 0.035", 0.060", 0.076" and 0.110"). Cassettes can be switched if your project requires several different wick sizes.

Wickgun™ braid dispensers are fast and convenient. There is no need to put down your soldering iron and look for a wire cutter or scissor. There are no plungers to push, spring-loaded levers to cock or vacuum chambers to empty. User stays clean, works fast and there are no more burnt fingers.

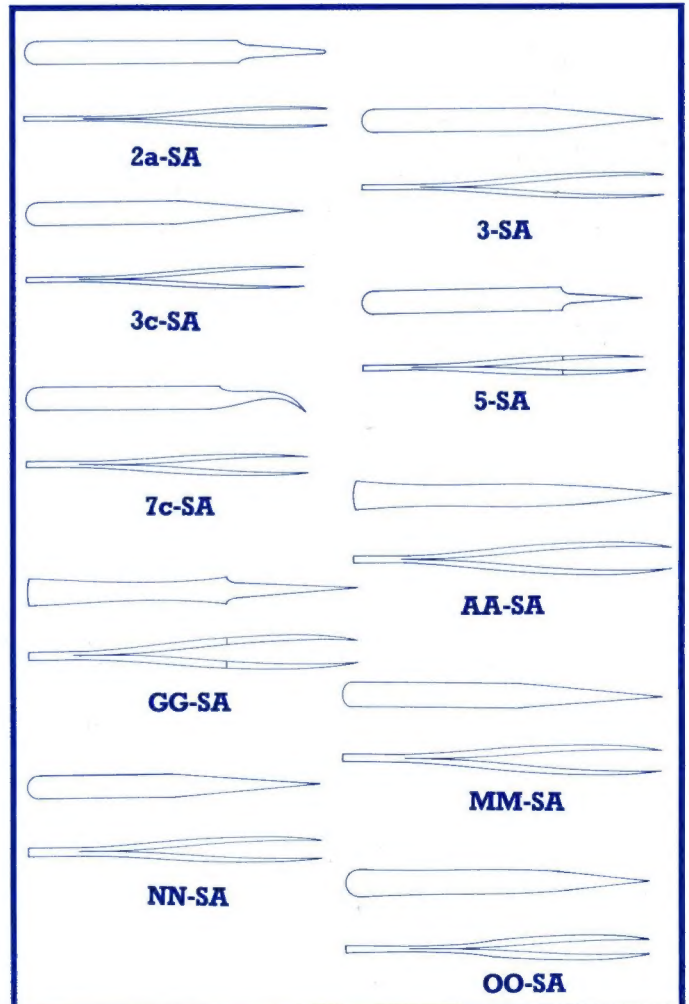


## TWEEZERS

High quality, Swiss manufactured, electronics grade tweezers. Manufactured from anti-magnetic, anti-acid stainless steel. Working tips are hand finished to precise alignment for miniature and micro-miniature parts.

- 2a-SA\*** Flat, rounded tips make this a good tweezer for handling small parts. 4 3/8" (110 mm).
- 3-SA\*** Precise, straight point; tapered body. A standard in miniature and sub-miniature assembly work. 4 3/4" (120 mm).
- 3c-SA\*** Same shape and precision tips as 3-SA only in a smaller size. 4 3/8" (110 mm).
- 5-SA\*** Tapered, extra fine, precision tips. A good choice when working under magnification. 4 3/8" (110 mm).
- 7c-SA\*** Very thin, precise, curved tips. Improved sight lines and accessibility in high density areas. Popular choice when working under magnification. 4 1/2" (115 mm).
- AA-SA\*** General use, rounded, straight tip tweezer. Gentle taper. 5" (130 mm).
- GG-SA\*** Long, thin, straight tips provide excellent reach in limited access areas. 5" (130 mm).
- MM-SA\*** General use tweezer, similar to AA but larger in some dimensions. 5" (130 mm).
- NN-SA\*** General use tweezer, similar shape to MM but smaller in some dimensions. 5" (130 mm).
- OO-SA\*** Precise, very strong, straight pointed tip tweezer. Most popular general use tweeze. Very durable. 4 3/4" (120 mm).

\* Designates display packaging





# XURON hobby and craft products are available from stock through these fine distributors.

## Hobby/Crafts Distributor List\*

January 1, 1995

Hobby Distributors	Street	City	State	Zip	Telephone #	Fax #
H & D HOBBY DIST., LTD	212 50th Ave S.E.	Calgary	Alberta	T2G 2A9	403-243-3351	403-243-7782
CALIFORNIA HOBBY DISTRIBUTORS	415 S. Palm Ave.	Alhambra	CA	91803	818-289-8857	818-289-3882
LAMBERT ASSOCIATES	28312 Industrial Blvd., D	Hayward	CA	94545	510-783-9712	510-783-9715
PACIFIC MODEL DISTRIBUTORS	7317 Somerset Blvd.	Paramount	CA	90723	310-630-5222	310-630-1914
HOBBY STORES DISTRIBUTING	125 McKee St	E. Hartford	CT	06108	203-282-7080	203-282-1820
DOUGLAS MODEL DISTRIBUTORS	130 Lipan St.	Denver	CO	80223	303-629-0921	303-629-1910
TRAIN CENTER DISTRIBUTORS	506 S. Broadway	Denver	CO	80209	303-722-8444	303-777-0028
BLACK HAWK HOBBY DISTRIBUTORS	14225 Hansberry Road	Rockton	IL	61072	815-624-7227	815-624-4701
GREAT PLANES MODEL DISTRIBUTORS	1608 Interstate Drive	Champaign	IL	61820	217-398-3630	217-398-1104
JMC INTERNATIONAL	1025 Industrial Drive	Bensenville	IL	60106	708-595-0210	708-595-0924
THE TOOL RESOURCE	POB 1106	W. Dundee	IL	60118	708-468-0849	708-468-0849
TROST MODEL CRAFT	3129 W. 47th St.	Chicago	IL	60632	312-927-1400	312-927-1400
UNITED MODEL DISTRIBUTORS	301 Holbrook Drive	Wheeling	IL	60090	708-459-6700	708-459-4834
R-C HENRY WHOLESALE	3600 Chamberlain Lane	Louisville	KY	40241	800-458-7225	502-339-1211
ARTHUR GONSALVES, INC.	165 Main St., POB 393	N. Reading	MA	01864	508-664-1988	508-664-0706
M. B. KLEIN, INC.	162 N. Gay St.	Baltimore	MD	21202	410-539-6207	410-685-1357
ERIC FUCHS, INC.	1234 Hooksett Rd.	Hooksett	NH	03106	603-622-1626	603-622-1647
JERSEY MODEL DISTRIBUTORS	806 Route 17	Ramsey	NJ	07446	201-327-7911	201-512-0882
RAILFAN SPECIALITIES	360 Grace Ave.	Saddlebrook	NJ	07026	201-478-2298	
SCIENTIFIC MODELS	340 Snyder Ave.	Berkley Heights	NJ	07922	908-464-7070	908-665-9383
STEVENS INTERNATIONAL	Whitehorse Pike & Marion Ave.	Magnolia	NJ	08049	609-435-1555	609-627-6274
EURO-RAILS MODEL IMPORTERS	420 Dunham Rd.	Waterloo	NY	13165	315-539-1230	315-539-1304
PORTMAN HOBBY DISTRIBUTORS	851 Washington St.	Peekskill	NY	10566	914-737-6633	914-737-6984
ARROW HOBBYCRAFT	5180 W. 164th Industrial Pkwy	Cleveland	OH	44142	216-267-4464	216-267-2347
CLEVELAND HOBBY SUPPLY	8748 Ridge Rd.	Cleveland	OH	44133	216-237-3900	216-237-3902
DR. MICROTOOLS	P.O.B. 21585	Columbus	OH	43221	614-771-6382	614-771-6382
R.E.H. DISTRIBUTING	4415 Marburg Ave.	Cincinnati	OH	45209	513-871-2813	513-871-0330
ACADAMY PRODUCTS CANADA, INC.	9 Bradwick Drive	Concord	Ontario	L4K 2T4	905-669-9120	905-669-9756
MICRO-TRAINS LINE CO.	351 Rogue River Pkwy	Talent	OR	97501	503-535-1755	503-535-1932
EMERY DISTRIBUTORS	3800 Glover Rd.	Easton	PA	18042	215-258-3651	215-258-7738
NESSON SALES CO.	408 E. 18th St.	Norfolk	VA	23504	804-622-3200	804-623-1878
<b>Crafts Distributors</b>	<b>Street</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>Telephone #</b>	<b>Fax #</b>
LINCOLN DISTRIBUTORS	510 S. 52nd St., Suite 104	Tempe	AZ	85281	602-968-9297	602-968-6358
GENERAL BEAD	317 National City Blvd	National City	CA	91950-1110	619-336-0100	619-336-0152
H. H. PERKINS	10 S. Bradley Rd.	Woodbridge	CT	06525	203-389-9501	203-389-4011
CASTINGS DIV. OF REB TOYS	203 Sweetwater Cove Blvd S.	Longwood	FL	32779	407-869-6565	
ED HOY'S INTERNATIONAL	1620 Frontenac Rd.	Harperville	IL	60563	708-420-0890	
ALBERT FROIDEVAUX & SONS	11229 Randall Dr.	Lenexa	KS	66215	913-338-3131	913-338-3144
DESIGNS BY DEANNA	58 Wilson Ave.	Athol	MA	01331	508-249-7879	
LIGHTSHIP SHOP/QUARTERBOARDS	P.O.B. 312	Nantucket	MA	02554	508-228-4164	
PETER BOORUM	79 Stebbins Pond Dr.	Bedford	NH	03110	603-669-4185	
ARMSTRONG TOOL	31747 W. 8 Mile Rd.	Livonia	MI	48152	810-474-1600	810-474-2505
KINGSLEY NORTH	910 Brown St.	Norway	MI	49870	906-563-9228	
GRATIOT LAKE BASKETRY	HC1, Box 16	Mohawk	MI	49950	906-337-5116	
MARTHA WETHERBEE BASKET SHOP	Star Route, Box 35	Sanbornston	NH	03269	603-286-8927	
JOHN MCGUIRE BASKET SUPPLY	398 S. Main St.	Geneva	NY	14456	315-781-1251	
SEA PLEASURES & TREASURES	255 W. Venice Ave.	Venice	FL	33595	813-488-3510	

\*List alphabetical by state.



US Sales/Main Office

International Sales Office

XURON CORP.

ZED GROUP

60 Industrial Park Rd.

IMC Box 6475

Saco, ME 04072

Chelsea, MA 02150

Tel: 207-283-1401

Tel: 617-889-2220





PRICED

OUTDATED; INVENTORY

60 Industrial Park Rd., Saco, ME 04072

Tel: 207-283-1401

Fax: 207-283-0594

## User Price Sheet Shears

Effective 9-1-94

Supercedes all previous price lists

410A*	Ultraflush Cutting Shear	9.99
410T*	High Precision Shear	9.99
420T*	Angled High Precision Shear	15.99
440PET*	Photo Etch Shear	16.99
2175*	Crafter's Shear	12.99
2175B*	Track Cutter	12.99
2193 HWAC*	HWAC — Hard Wire And Cable Cutter	16.99
9100*	Premium Quality Shear - Oval Head	18.99
9200*	Premium Quality Shear - Tapered Head	19.99
FSS-6*	Modeler's Scissor	11.99

## Pliers

450*	Tweezernose Pliers - smooth	15.99
450S*	Tweezernose Pliers - serrated	15.99
485*	Longnose Pliers - smooth	11.99
485S*	Longnose Pliers - serrated	11.99

## Tool Kits

TK2100*	Modeler's Tool Kit	44.00
TK2200*	Railroader's Tool Kit	44.00
TK3000*	Tool Pouch (empty)	10.99

## Dispensing Bottles

800*	2 oz. Bottle - nozzle spout	1.99
810*	Bottle - 0.010" I.D. needle	3.99
820*	Bottle - 0.020" I.D. needle	3.99
840*	Bottle - 0.040" I.D. needle	3.99

## Desoldering Tools

1000-1*	Wickgun w/#1 desoldering braid	39.99
1000-2*	Wickgun w/#2 desoldering braid	39.99
1000-3*	Wickgun w/#3 desoldering braid	39.99
1000-4*	Wickgun w/#4 desoldering braid	39.99
W4015-1*	Replacement Cassette - #1 braid	8.99
W4015-2*	Replacement Cassette - #2 braid	8.99
W4015-3*	Replacement Cassette - #3 braid	8.99
W4015-4*	Replacement Cassette - #4 braid	9.99
W10010	Replacement Cutter Blade	5.99

## Tweezers

2A-SA*	Stainless steel, flat, rounded tips	23.99
3-SA*	Stainless steel, precise, straight tips	23.99
3c-SA*	Stainless steel, same tips as 3-SA, shorter body	23.99
5-SA*	Stainless steel, tapered, extra fine tips	28.99
7c-SA*	Stainless steel, thin, precise, curved tips	28.99
AA-SA*	Stainless steel, rounded, straight tips	15.99
GG-SA*	Stainless steel, long, thin, straight tips	16.99
MM-SA*	Stainless steel, straight, blunt tips	15.99
NN-SA*	Stainless steel, similar to MM-SA but smaller	15.99
OO-SA*	Stainless steel, straight, precise, very strong	23.99



